

29TH & MEAD GROUND WATER CONTAMINATION

KANSAS

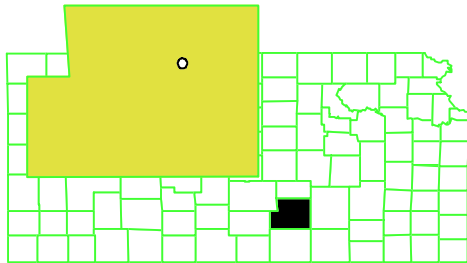
EPA ID# KSD007241656

EPA Region 7

City: Wichita

County: Sedgwick County

Other Names:



SITE DESCRIPTION

The 29th & Mead Ground Water Contamination site covers approximately 1,440 acres at the intersection of 29th and Mead Streets in a highly industrialized area of Wichita. Studies conducted from 1983 to 1986 by the Kansas Department of Health and the Environment (KDHE) and the U.S. Geological Survey confirmed heavy metals and organic contamination in shallow wells on and around the site. The actual boundary and the extent of ground water contamination have not been clearly defined. There are several potential industrial sources of contamination in the area that include facilities currently in operation and facilities that have ceased operations. An estimated 3,300 people obtain drinking water from public and private wells drawing from the shallow aquifer located within 3 miles of the site.

Site Responsibility:

This site is being addressed through Federal, State, and potentially responsible parties' actions.

NPL LISTING HISTORY

Proposed Date: 06/24/88

Final Date: 02/21/90

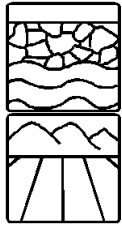
Deleted Date: 04/29/96

THREATS AND CONTAMINANTS

Description:

The ground water and soil are contaminated with volatile organic compounds (VOCs) including trichloroethylene (TCE), carbon tetrachloride, toluene, and vinyl

chloride. People who come in direct contact with or ingest contaminated ground water may be at risk. Also, the contamination on site could pollute Chisholm Creek, which is used for recreational purposes.



CLEANUP APPROACH

Response Action Status

Entire Site: The city of Wichita and parties potentially responsible for the ground water contamination are investigating the nature and extent of contamination and identifying cleanup alternatives.

Coleman Area: In 1991, the potentially responsible party began an investigation to determine the nature and extent of soil and ground water contamination and to identify cleanup alternatives at the Coleman area. The primary contaminant at this location was found to be TCE. A remedy to address cleanup was selected in late 1992 and includes ground water pump and treatment, air stripping, and soil vapor extraction. Design of the remedy began in 1994.

Description: The Kansas Department of Health and the Environment (KDHE) has identified more than 70 parties potentially responsible for the wastes associated with ground water contamination at and in the vicinity of the site. In 1987, the parties organized a steering committee to negotiate future investigations and cleanup activities. In 1989, the steering committee signed a Consent Agreement with the KDHE to complete an investigation of the site. KDHE has signed several coordinate and cooperate type Administrative Orders with additional parties to investigate areas of potential sources that may contribute to the ground water plume.

Site Facts: In 1994, the city began discussing with EPA the possibility of deleting the site from the National Priorities List (NPL) and filed a petition requesting that EPA reopen the record for the listing process. EPA denied the city's petition. However, because the city had demonstrated its ability to handle organizing a response action at the Gilbert and Mosley site, a state deferral demonstration project, EPA decided in April 1995 to remove the 29th and Mead site from the NPL on the condition that the city and KDHE enter into an agreement requiring the city to ensure cleanup of the site. The site boundaries were expanded and the larger area that encompasses the former 29th and Mead site is now referred as the North Industrial Corridor by KDHE. The City of Wichita has negotiated an agreement with several PRPs to provide financial assistance to the City to complete the Remedial Investigation/Feasibility Study (RI/FS). The site was

deleted from the NPL by Federal Notice dated April 29, 1996 (61 Fed. Reg. 18684) with an effective deletion date of April 29, 1996. The 29th and Mead ground water area wide site is in the investigation phase and cleanup activities have not been initiated. The city has procured a contractor to complete the RI/FS for the expanded site area and the RI/FS workplan was approved by KDHE on November 11, 1997. The RI/FS investigation will be conducted in two phases. Phase 1 was initiated in December 1997 and consisted of collecting groundwater samples from approximately 200 locations. The scope of Phase II is based on the results on the Phase I and includes source investigations. The Phase II workplan has been submitted to KDHE and field work for Phase II is expected to take place in the fall of 1999.

ENVIRONMENTAL PROGRESS



While cleanup investigations for the entire site continue, the EPA has determined that the site currently does not pose an immediate threat to the neighboring communities or the environment, as long as the contaminated wells are not used.

SITE REPOSITORY



KDHE, District Office, 1919 Amidon,
Wichita, KS 67203

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:

William Bunn

E-MAIL ADDRESS:

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(913) 551-7792

COMMUNITY INVOLVEMENT

Hattie Thomas

COORDINATOR:

PHONE NUMBER:

(913) 551-7762

PUBLIC INFORMATION CENTER:

E-MAIL ADDRESS:

STATE CONTACT:

Christine Jump

PHONE NUMBER:

(785) 296-1935

MISCELLANEOUS INFORMATION

STATE:

PACIFIC ISLAND(S):

079Q

CONGRESSIONAL DISTRICT:

04

EPA ORGANIZATION:

SFD-SUPR/MOKS

MODIFICATIONS